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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

National Phase Application)
 Based Upon PCT/NZ2004/000182)
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 Applicant: KRAMER)
 Filed: February 14, 2006)
 For: WATER CHAMBER FOR)
 HUMIDIFIER)
 Examiner: Not Yet Assigned)
 Art Unit: Not Yet Assigned)
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COMMUNICATION

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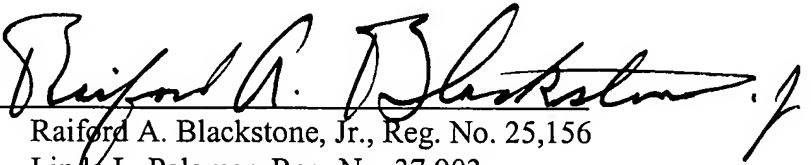
Sir:

Enclosed is a copy of amended sheets presented during the international application phase of PCT/NZ2004/000182 under Article 19 and/or 34. These amendments were entered and considered for the purposes of the International Preliminary Examination Report and therefore should have been presented to the United States as a National Phase Office. Entry and consideration of same during the United States National Phase application is requested.

Should the Examiner have any questions regarding this Communication, the Examiner is invited to contact one of the undersigned attorneys at (312) 704-1890.

Respectfully submitted,

Dated: Feb. 14, 2006

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from the inner periphery of said at least one gases port with an opening at a distal end of said flow tube being spaced from the wall of said chamber, said opening facing a direction transverse to an axis of said tube, said transverse direction not being downwards.

Preferably said chamber includes an inlet gases port and an outlet gases port, both said inlet gases port and said outlet gases port including a said elongate flow tube.

Preferably said chamber further includes a baffle between said opening of said inlet gases port tube and said opening of said outlet gases port tube.

Preferably said baffle extends from the roof of said chamber and terminates below the surface of water in said chamber when said chamber is filled to a maximum intended water level for use.

Preferably said inlet gases port and said outlet gases port includes a said elongate flow tube having an opening facing a direction transverse to an axis of said tube, said opening of said inlet flow tube and said opening of said outlet flow tube facing upwards.

To those skilled in the art to which the invention relates, many changes in construction and widely differing embodiments and applications of the invention will suggest themselves without departing from the scope of the invention as defined in the appended claims. The disclosures and the descriptions herein are purely illustrative and are not intended to be in any sense limiting.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a perspective view of a water chamber according to one preferred embodiment of the present invention.

Figure 2 is a cross sectional side elevation of the chamber of Figure 1.

Figure 3 is a perspective view of the water chamber of Figure 1, showing the inner detail of the chamber.

Figure 4 is a cross sectional side elevation of the chamber of Figure 1 in use with water therein and in a tilted condition demonstrating the operation of the inlet extension tube 5 in reducing the capacity for leakage through the gases inlet 3.

CLAIMS:

1. A water chamber adapted for use in conjunction with a heater base and having at least one horizontally oriented gases port in a wall thereof the improvement comprising an elongate flow tube extending into said water chamber from the inner periphery of said at least one gases port with an opening at a distal end of said flow tube being spaced from the wall of said chamber, said opening facing a direction transverse to an axis of said tube, said transverse direction not being downwards.
- 5 2. A water chamber as claimed in claim 1, wherein said chamber includes an inlet gases port and an outlet gases port, both said inlet gases port and said outlet gases port including a said elongate flow tube.
- 10 3. A water chamber as claimed in claim 2, wherein said chamber further includes a baffle between said opening of said inlet gases port tube and said opening of said outlet gases port tube.
4. A water chamber as claimed in claim 3, wherein said baffle extends from the roof of said chamber and terminates below the surface of water in said chamber when said chamber is filled to a maximum intended water level for use.
- 15 5. A water chamber as claimed in claim 2, wherein said inlet gases port and said outlet gases port includes a said elongate flow tube having an opening facing a direction transverse to an axis of said tube, said opening of said inlet flow tube and said opening of said outlet flow tube facing upwards.
- 20